

Title (en)

Capacitive-load driving circuit capable of properly handling temperature rise and plasma display apparatus using the same

Title (de)

Treiberschaltung für kapazitive Last mit richtiger Behandlung eines Temperaturanstiegs und Plasmaanzeigevorrichtung welche die Treiberschaltung benutzt

Title (fr)

Circuit d'attaque pour charge capacitive capable de manier correctement une augmentation de température et dispositif d'affichage à plasma utilisant ce circuit

Publication

EP 1193673 A2 20020403 (EN)

Application

EP 01307116 A 20010821

Priority

- JP 2000301015 A 20000929
- JP 2000393510 A 20001225

Abstract (en)

A capacitive-load driving circuit has a configuration in which a driving power supply source (1) is connected to an output terminal (10) via a driving device (6). The capacitive-load driving circuit has a power distributing circuit (2) inserted between the driving power supply source (1) and the driving device (6). Therefore, temperature rise (power consumption) in the capacitive-load driving circuit can be distributed. <IMAGE>

IPC 1-7

G09G 3/28

IPC 8 full level

G09G 3/20 (2006.01); **G09G 3/28** (2006.01); **G09G 3/282** (2006.01); **G09G 3/288** (2013.01); **G09G 3/296** (2013.01); **G09G 3/298** (2013.01); **H01J 11/26** (2012.01); **H04N 5/66** (2006.01); **H05B 44/00** (2022.01)

CPC (source: EP KR US)

G09G 3/28 (2013.01 - US); **G09G 3/296** (2013.01 - KR); **G09G 3/2965** (2013.01 - EP US); **H01J 11/26** (2013.01 - EP US); **H05B 44/00** (2022.01 - EP US); **G09G 3/296** (2013.01 - EP US); **G09G 2310/0289** (2013.01 - EP US); **G09G 2330/02** (2013.01 - EP US); **G09G 2330/021** (2013.01 - EP US); **G09G 2330/045** (2013.01 - EP US)

Citation (examination)

- US 6121943 A 20000919 - NISHIOKA KEN [JP], et al
- JP H05273938 A 19931022
- US 5930021 A 19990727 - MATSUBARA KEN [JP], et al
- EP 1018722 A1 20000712 - MITSUBISHI ELECTRIC CORP [JP]

Cited by

EP1750245A3; ES2340455A1; EP1750243A1; CN100447841C; US7733304B2

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

EP 1193673 A2 20020403; **EP 1193673 A3 20041208**; JP 2002175044 A 20020621; JP 4612947 B2 20110112; KR 100831520 B1 20080522; KR 100853928 B1 20080825; KR 20020025691 A 20020404; KR 20080023328 A 20080313; TW 514856 B 20021221; US 2002047552 A1 20020425; US 2005218822 A1 20051006; US 2006125411 A1 20060615; US 2012081350 A1 20120405; US 2015084844 A1 20150326; US 7078865 B2 20060718; US 7737641 B2 20100615; US 8928646 B2 20150106; US 9305484 B2 20160405

DOCDB simple family (application)

EP 01307116 A 20010821; JP 2000393510 A 20001225; KR 20010057013 A 20010915; KR 20080016342 A 20080222; TW 90120502 A 20010821; US 13957405 A 20050531; US 201113325983 A 20111214; US 201414557883 A 20141202; US 35084806 A 20060210; US 93316601 A 20010821